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Sequence Listing was accepted.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2008; month=6; day=30; hr=13; min=8; sec=59; ms=433;]

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Application No: 09286166 Version No: 2.0

Input Set:

Output Set:

Started: 2008-06-27 15:53:45.903
Finished: 2008-06-27 15:53:48.884
Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 981 ms
Total Warnings: 69
Total Errors: 5
No. of SeqIDs Defined: 135
Actual SeqID Count: 135

Error code	Error Description
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W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
E 257	Invalid sequence data feature in <221> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
W 213	Artificial or Unknown found in <213> in SEQ ID (13)
E 257	Invalid sequence data feature in <221> in SEQ ID (13)
W 213	Artificial or Unknown found in <213> in SEQ ID (14)
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W 213	Artificial or Unknown found in <213> in SEQ ID (16)
W 213	Artificial or Unknown found in <213> in SEQ ID (17)
W 213	Artificial or Unknown found in <213> in SEQ ID (18)
W 213	Artificial or Unknown found in <213> in SEQ ID (19)
W 213	Artificial or Unknown found in <213> in SEQ ID (20)
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Input Set:

Output Set:

Started: 2008-06-27 15:53:45.903
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Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 981 ms
Total Warnings: 69
Total Errors: 5
No. of SeqIDs Defined: 135
Actual SeqID Count: 135

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (22)
W 213	Artificial or Unknown found in <213> in SEQ ID (23) This error has occurred more than 20 times, will not be displayed
E 257	Invalid sequence data feature in <221> in SEQ ID (122)
E 257	Invalid sequence data feature in <221> in SEQ ID (122)
E 257	Invalid sequence data feature in <221> in SEQ ID (124)

SEQUENCE LISTING

<110> FOWLKES, DANA M.
 BROACH, JIM
 MANFREDI, JOHN
 KLEIN, CHRISTINE
 MURPHY, ANDREW J.
 PAUL, JEREMY
 TRUEHEART, JOSHUA

<120> YEAST CELLS ENGINEERED TO PRODUCE PHEROMONE SYSTEM PROTEIN
 SURROGATES, AND USES THEREFOR

<130> 60638CIP1 (50370)

<140> 09286166

<141> 1999-04-05

<150> 08/461,383

<151> 1995-06-05

<150> 08/322,137

<151> 1994-10-13

<150> 08/309,313

<151> 1994-09-20

<150> 08/190,328

<151> 1994-01-31

<150> 08/041,431

<151> 1993-03-31

<160> 135

<170> PatentIn version 3.3

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<212> PRT

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Ile	Pro	Ala	Glu	Ala	Val	Ile	Gly	Tyr	Leu	Asp	Leu	Glu	Gly	Asp	Phe
				35					40					45	

Asp	Val	Ala	Val	Leu	Pro	Phe	Ser	Asn	Ser	Thr	Asn	Asn	Gly	Leu	Leu
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55

60

Phe Ile Asn Thr Thr Ile Ala Ser Ile Ala Ala Lys Glu Glu Gly Val
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Ser Leu Asp Lys Arg Glu Ala Glu Ala
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<213> *Saccharomyces cerevisiae*

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Met Tyr Lys Arg Glu Ala Asp Ala Glu Ala Trp His Trp Leu Gln Leu
35 40 45

Lys Pro Gly Gln Pro Met Tyr Lys Arg Glu Ala Asp Ala Glu Ala Trp
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His Trp Leu Gln Leu Lys Pro Gly Gln Pro Met Tyr
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knnknnktga tcatccg 77

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Xaa Xaa Xaa

<210> 8
<211> 36
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<213> *Saccharomyces cerevisiae*

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Cys Val Ile Ala
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1 5 10 15

Xaa Xaa Cys Val Ile Ala
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<210> 14
<211> 34
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Ala Glu Ala Trp His Trp Leu Gln Leu Lys Pro Gly Gln Pro Met Tyr
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